

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the U.S. Patent Application of:

Inventor(s): Bosley et al.

Serial No.: not assigned

Filed : concurrently

Examiner: not assigned

Art Unit: 3672

For: SMART TURBOGENERATOR POWER  
CONTROL SYSTEM

5/B(NE)

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**PRELIMINARY AMENDMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

This Preliminary Amendment is filed concurrently with the above-identified Continuation Application. Preliminary to examining the Application, please enter the following amendments.

IN THE CLAIMS

Please cancel original claims 1-51, and substitute the following new claim for examination:

- Rev. 581.
- 1. A system, comprising:
    - a turbogenerator;
    - a cyclic motion machine driven by an electric motor;

a load inverter powered by said turbogenerator, said inverter connected to said electric motor; and

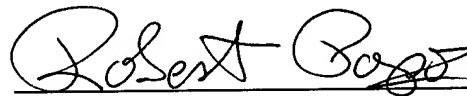
a controller controlling said turbogenerator and said inverter to vary the frequency of said inverter based on historical machine cycle position and corresponding inverter frequency data to provide a substantially constant power level to said electric motor.

REMARKS

This is a Continuation Application of serial no. 09/316,896 filed on May 22, 1999. No new matter has been introduced by this Preliminary Amendment. The claim presented herein is directed to the originally disclosed invention.

Respectfully Submitted,

Dated: April 9, 2001



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